

LA-UR-21-31349

Approved for public release; distribution is unlimited.

Title: My Green LANL

Author(s): Bangert, Dalinda Kay
Blair, Shannon Nichole
Collins, Adam Paul

Intended for: Presentation for (DOE) Office of Sustainable Environmental Stewardship
- Sustainability Assistance Network (SAN) monthly webinars

Issued: 2021-11-15

Disclaimer:

Los Alamos National Laboratory, an affirmative action/equal opportunity employer, is operated by Triad National Security, LLC for the National Nuclear Security Administration of U.S. Department of Energy under contract 89233218CNA000001. By approving this article, the publisher recognizes that the U.S. Government retains nonexclusive, royalty-free license to publish or reproduce the published form of this contribution, or to allow others to do so, for U.S. Government purposes. Los Alamos National Laboratory requests that the publisher identify this article as work performed under the auspices of the U.S. Department of Energy. Los Alamos National Laboratory strongly supports academic freedom and a researcher's right to publish; as an institution, however, the Laboratory does not endorse the viewpoint of a publication or guarantee its technical correctness.



My Green LANL

Mission The My Green LANL initiative was created to unify LANL employees in all research and work environments to reflect the highest standard of social and environmental responsibility. In combination with the My Green Lab non-profit organization and internal LANL efforts, the My Green LANL mission is to educate and emphasize the importance of practicing sustainable or 'green' efforts in both laboratory and office spaces.

Adam Collins

Graduate Student Intern

Utilities & Infrastructure
Division

Dee Bangert

Sustainable Buildings
Program Coordinator

Utilities & Infrastructure
Division

Shannon Blair

Post-Masters Student

Utilities & Infrastructure
Division

What is My Green LANL?

A LANL sponsored certification program to demonstrate the sustainable practices of LANL work spaces.

In addition it:

- Educates occupants on sustainable practices
- Promotes alternative clean and green purchasing choices
- Reduces energy & water use
- Saves on operating costs

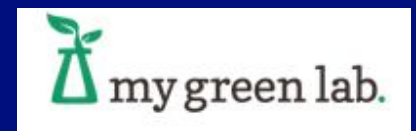


What is My Green Lab?

My Green Lab is a certification reserved for laboratory spaces. It is offered by a non-profit organization run by scientists, for scientists, and dedicated to promoting sustainable laboratory practices. It addresses:

- Energy Conservation
- Water Conservation
- Waste minimization
- Green Chemistry

My Green Lab's mission is to educate and engage scientists to promote sustainability best practices.



Success at LANL

LANLINSIDE

SEARCH SITE

COMPUTINGEMPLOYEESENVIRONMENTFINANCENEWS SAFETYSCIENCESECURITYSERVICES

News / New Stories / 2019 / April / My Green Lab

Green-thinking lab in TA-35 receives DOE's first My Green Lab certification



KUDOS:

"The cumulative effect of such good behavior can be significant and contributes to NNSA's overall sustainability progress and results."

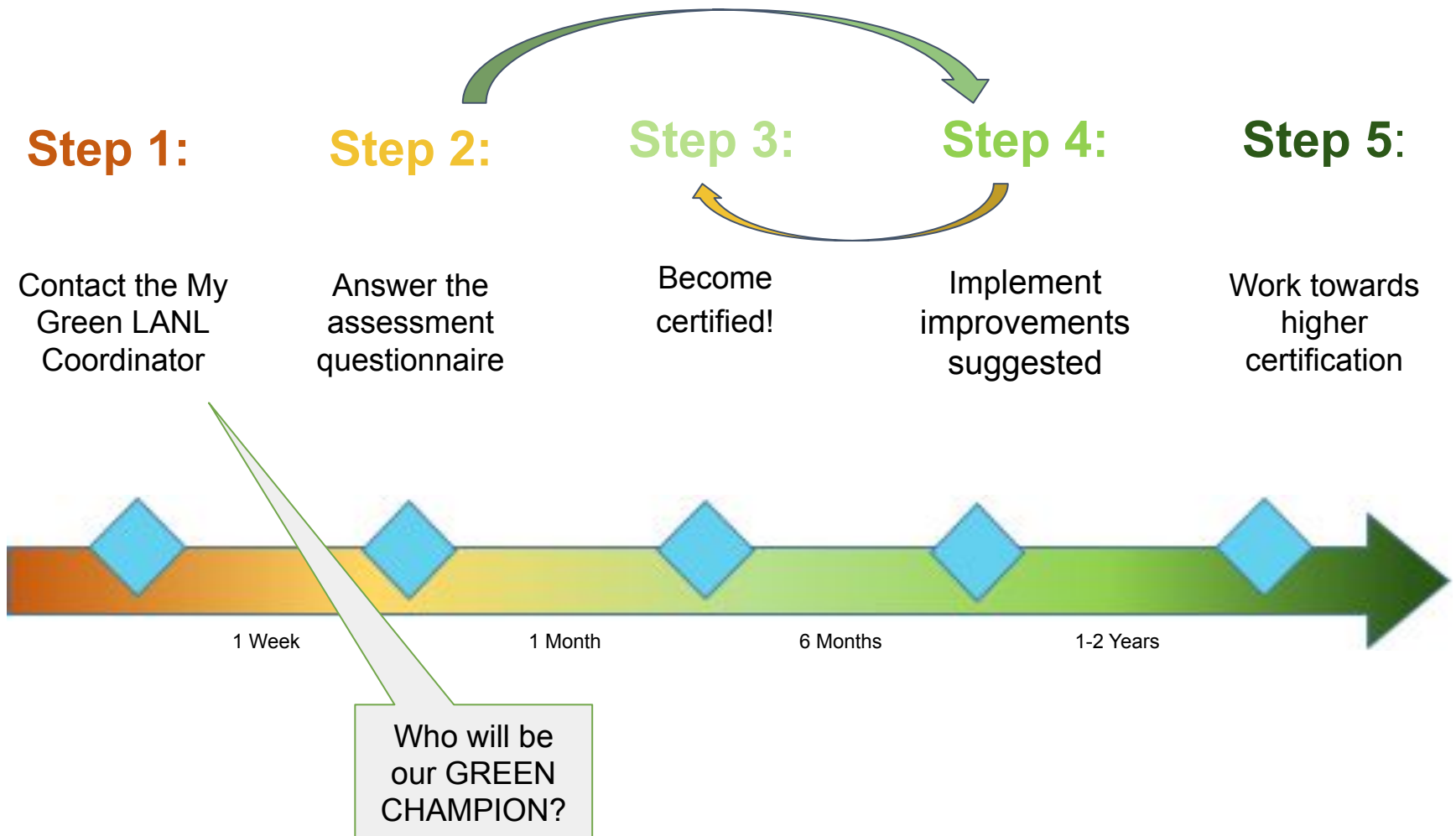
— Jessica Arcidiacono, director of the National Nuclear Security Administration's (NNSA) Office of Environmental Sustainability, on B-DO's green-thinking achievements.

The Utilities and Institutional Facilities Division's (UI-DO) Sustainability Program team members worked with B-DO personnel (pictured) to introduce several new strategies for boosting green outcomes in their lab, including a "Shut your sash" sticker campaign to get scientists to lower their fume hoods when not in use to save energy.

“The cumulative effect of such good behavior can be significant and contributes to NNSA’s overall sustainability progress and results.”

— Jessica Arcidiacono, director of the National Nuclear Security Administration’s (NNSA) Office of Environmental Sustainability, on B-DO's green-thinking achievements.

Certification Process



Questionnaire Structure

Waste and Purchasing

- Reusable office supplies
- Green purchasing
- Printing
- Waste and Recycling Habits

29

Transportation

- Commuting habits
- Vehicles used on site
- Telework options

12

Energy

- Heating and Cooling in office
- Personal electronics habits (ie. personal computers, heaters, etc.)
- Office Lightings

15

Water

- Faucets in offices
- Water leaks, irrigation, etc.

3

Engagement and Sustained Change

- Office Culture and Habits
- Engagement with the Sustainability Program
- Office Water, Energy Audits

6

65 Points Total

Level 1: 25/65

Level 2: 40/65

Level 3: 55/65

My Green LANL Questionnaire Updates

In Fall '21 we updated the My Green LANL Questionnaire and re-kicked off the My Green LANL Program.

Updates include

- Questions to reflect COVID-19 Pandemic and Remote Work

Moved questionnaire to Google Forms

- Allow you to turn questionnaire on and off
- Automatically assign points and calculate scores

The screenshot shows a Google Form titled "Section 2 of 6" with the heading "Waste and Purchasing". Below the heading is a description: "This category will focus on kitchenware and food waste, paper and office supply waste, and recycling." The form contains two questions, each with a red star icon in the top right corner. The first question is: "When you eat at work, are you using reusable/washable utensils and dishware, and is soap provided for washing personal dishware and utensils?" with radio button options: "Yes", "No", and "I don't know". The second question is: "In the lunch/break room, does your office use refillable or bulk containers for items such as sugar, salt & pepper, etc. to avoid individual condiment packets?" with radio button options: "Yes", "No", and "I don't know".

Fall '21 Re-Kickoff

- Re-kickoff started with recertifying our building
 - Allowed us to work through any issues internally
 - Adjusted some language of the questions
 - Refine our recommendations
 - Refine our emails and contact process with the Green Champion
- Currently certifying LANL's Director's Office
 - In the process of calculating their score
- Future plans
 - Increase advertising presence on campus
 - Plan an event during LANL's Earth Week to answer questions and sign up offices
 - Send out monthly sustainability tips to certified offices
 - Create online portal for updates/reminders

My Green LANL Video

[Let's watch the video!](#)

